

The information in this report is required by 14 CFR 108.17 & 129.26. Failure to report may result in a civil penalty not to exceed \$1000.00 for each such violation. (Federal Aviation Act of 1958, Section 901)

Department of Transportation Federal Aviation Administration		X-RAY SYSTEM RADIATION LEAKAGE REPORT (BAGGAGE INSPECTION)		FIELD TEST SERIAL NO. 11-7 T	Form Approved OMB No. 2120-0098	
		(Revised by 14 CFR 108.17, 14 CFR 129.26)				
AA	1.1 Name and Address of Facility City/State/Zip	Name of Facility (10.6) Portland Int'l Airport	POA Region OR	St. No., R.R. or Airline/Airport (10.8) 700 NE Airport Way		
CC	and Specific Location of X-ray System	State Code OR	Zip Code 97218			
DD	Room No. or Other Location of System (10.32) Confirmation Label Present	Person Interlocks (23-34) ABC Checkpoint Lane 5	Telephone No. [REDACTED]			
	1.2 Manufacturer Name and Product ID Smiths Herimann	Instrumentation (type and serial number) 115 VAC 60Hz	Model Novision 451P	Serial No. 498		
01	F. Date of Manufacture Mo. 10 YR. 2002	G. Operator Instructions Available Yes	H. Maintenance Schedule Available 1/2			
2.0 Warning Labels Indicators	2.1 Warning Label Present at Control Station: "Caution: X-Rays Produced When Energized" 2.4 At Least One Indicator, X-Ray Marked "X-Ray On", Visible from Each Port, Door, And Access Panel Yes	2.2 Warning Label Present at Ports/Stations: "Caution: Do Not Insert Any Part of the Body When System is Energized, X-Ray Hazard" 3.0 Interlocks	2.3 Two Indicators Labeled "X-Ray On" Present at Controls (One May Be Labeled "Int. Meter") 3.1 "Captured Key Control" Yes			
3.2 Door Safety Inter-locks	A. Minimum Number of Interlocks Visible At Any One Door 4/6	B. At Least One Interlock Dependent on No Moving Part Except Door 4/6	C. All Doors and Access Panels That Were Tested Prevent Generation of X-Radiation By Inter-locks E. Use of X-Ray Control Necessary to Resume Operation Following Interruption 4/6			
4.0 Ports and/or Apertures	4.1 Some Part of the Body Can Be Inserted Through a Port Into The Primary Beam 4/6	4.2 Some Part of the Body Can Be Inserted into the Aperture 4/6				
6.0 Baggage Inspection Systems	6.1 Means Provided to Ensure Operator Presence at the Control Area Yes	6.2 Means Provided to Operator for Terminating Exposures of Greater than One-Half Second and Preventing Yes				
7.0 Leakage Radiation	Specific Test Procedure Used SA	7.1 Scatter Beam Description Pelican Case for 451P				
	7.2 Technical Features 69 - 68 kVp					
7.3 Location Exposure Levels	Non-Continuously Activated Systems Only Number of Exposures Initiated		Location Exposure Levels	Non-Continuously Activated Systems Only Number of Exposures Initiated		
05	.061 .051 .051 .044	mR/hr exp exp exp	06	.038 .015 .008 .008	mR/hr exp exp exp	
07	Reasonable Number of Exposures That May Be Initiated in One Hour				Day Cycle of System Indicated As a Percentage of One Hour 100%	
08	8.1 Additional Information Dosage per msp = .96 mR					
09	8.2					
10	8.3					
11	8.4					
12	8.5					
13	Surveyor Information	Surveyor Signature		Date of Survey 1/16/09	Surveying Agency Code	
Remarks [REDACTED]						

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